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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/671,635	09/28/2000	Nickolai Alexandrov	2750-1026P

2292
BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH, VA 22040-0747

COPY

CONFIRMATION NO. 5385

FORMALITIES LETTER



OC000000006574379

Date Mailed: 09/19/2001

NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

Filing Date Granted

The U.S. Patent and Trademark Office has received your reply on to the Notice mailed and it has been entered into the nonprovisional application. The reply, however, doesnot include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application.

- o A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

- o For Rules Interpretation, call (703) 308-4216
- o To Purchase PatentIn Software, call (703) 306-2600
- o For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

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A copy of this notice MUST be returned with the reply.

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Customer Service Center
Initial Patent Examination Division (703) 308-1202

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COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/671,635	09/28/2000	Nickolai Alexandrov	2750-1026P

2292
BIRCH STEWART KOLASCH & BIRCH
8110 GATEHOUSE ROAD
SUITE 500 EAST
FALLS CHURCH, VA 22042

FORMALITIES LETTER



OC000000005725316

Date Mailed: 02/01/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
 - To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
 - The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):
 - This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
- For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-1123
- For CRF Submission Help, call (703) 308-4212
- PatentIn Software Program Support
 - - For Technical Assistance, call (703) 287-0200
 - - To Purchase PatentIn Software, call (703) 306-2600

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- The balance due by applicant is \$ 65.

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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



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BOX MISSING PARTS
PATENT
2750-1026P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Nickolai ALEXANDROV et al. Conf: 5385
Appl. No.: 09/671,635 Group: UNASSIGNED
Filed: September 28, 2000 Examiner: UNASSIGNED
For: SEQUENCE-DETERMINED DNA FRAGMENTS AND
CORRESPONDING POLYPEPTIDES ENCODED
THEREBY

THIS IS NOT A NEW PATENT APPLICATION
LETTER SUBMITTING DOCUMENTS
FOR COMPLETION OF AN APPLICATION
PURSUANT TO 37 C.F.R. § 1.53(f) and/or § 1.53(d)

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BOX MISSING PARTS

Assistant Commissioner for Patents
Washington, DC 20231

June 1, 2001

Sir:

The application papers for the above-identified application were originally filed on September 28, 2000 and the application was assigned Appl. No. 09/671,635.

DOCUMENTATION

- ☒ Under the provisions of 37 C.F.R. §§ 1.41(c) and 1.53(f), attached hereto is the executed Declaration and Power of Attorney of the inventor(s) (☒ original ☐ photocopy), necessary for completing the filing requirements in connection with the above-identified application.
- ☐ Under the provisions of 37 C.F.R. §§ 1.41(c) and 1.53(f), attached hereto is the executed Declaration that was attached to the specification at the time of execution. The attached specification is a true copy of the specification that was filed in the U.S. Patent and Trademark office on September 28, 2000, including any amendments thereto (if applicable) filed on even date therewith.

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Appl. No. 09/671,635

- ☒ The undersigned hereby declares that "Attorney Docket No. 2750-1026P on page 1 of the inventors' Declaration and Power of Attorney, filed on June 1, 2001, corresponds to Appl. No. 09/671,635, filed September 28, 2000, entitled 'SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING POLYPEPTIDES ENCODED THEREBY.'"
- ☐ Attached are _____ () sheet(s) of formal drawings.
- ☒ Attached is a copy of the Notice to File Missing Parts of Nonprovisional Application.
- ☐ Attached is an English language translation of the above-identified application that was filed in a foreign language.
- ☐ See the attached Translator's Verification; or
- ☐ The undersigned states that the English translation attached hereto is a true and correct translation of the application as originally filed in a foreign language.
- ☐ Attached hereto is a Statement Claiming Small Entity Status (☐ original ☐ photocopy).
- ☐ Submitted concurrently herewith **under separate cover** for recording is an Assignment.

FEES

The Government Filing Surcharge(s) (37 C.F.R. § 1.16(e) and/or § 1.17(k)) and the basic Government Filing Fee(s) (37 C.F.R. § 1.16(a)-(d)) (if applicable) is/are paid by deposit account and calculated as follows:

- ☐ Basic Filing Fee(s): \$0.00 (37 C.F.R. § 1.16(a)-(d))
- ☒ The Government Filing Surcharge under 35 U.S.C. § 1.16(e) for late filing of filing fee, oath and/or declaration:
- ☐ Large Entity - \$130.00
- ☒ Small Entity - \$ 65.00
- ☐ The Government Filing Surcharge under 37 C.F.R. § 1.17(k) for filing of translation of non-English Specification in the amount of \$130.00:
- ☐ was previously paid for concurrently with the filing of the application on
- ☐ is paid by deposit account.

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Appl. No. 09/671,635

- ☐ No extension fee is required because the undersigned has not yet received the Notice to File Missing Parts of Nonprovisional Application. However, if for some reason it is determined that an extension of time is necessary, applicant hereby respectfully petitions for an extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17.
- ☒ Applicant hereby respectfully petitions for a two (2) month(s) extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. § 1.136 and 37 C.F.R. § 1.17. The required fee of \$195.00 is paid by deposit account.
- ☐ A check in the amount of \$0.00 to cover the basic filing fee(s), surcharge fee(s), and any extension of time fees (if applicable) is enclosed.
- ☒ Please charge Deposit Account No. 50-1055 in the amount of \$260.00. A triplicate copy of this transmittal form is enclosed.

If the Primary Deposit Account No. 50-1055 is deficient and non-payment will result in a loss of rights, the Commissioner is hereby authorized in this, concurrent and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Raymond C. Stewart #36,623
Raymond C. Stewart, #21,066

RCS/DRN/BCF
2750-1026P

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Attachments

(Rev. 10/23/2000)



COPY

BOX SEQUENCE
PATENT
2750-1026P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Nickolai ALEXANDROV et al. Conf: 5385
Appl. No.: 09/671,635 Group: UNASSIGNED
Filed: September 28, 2000 Examiner: UNASSIGNED
For: SEQUENCE-DETERMINED DNA FRAGMENTS AND
CORRESPONDING POLYPEPTIDES ENCODED
THEREBY

SMALL ENTITY TRANSMITTAL FORM

Assistant Commissioner for Patents
Washington, DC 20231

June 1, 2001

Sir:

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Transmitted herewith is an amendment in the above-identified application.

APR 16 2003

A Verified Statement Claiming Small Entity Status

☐ is submitted herewith (☐ Original ☐ Photocopy).

☒ was previously submitted on September 28, 2000.

☐ The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.

☐ The enclosed document is being transmitted via facsimile.

The following items are additionally transmitted herewith along with the amendment:

☒ Two (2) identical CD-Rs, as required by §1.52(e)(4), created using IBM-PC, MS-Windows operating system. The files contained on the CD-R are as follows:

File Name	Date of Creation	File Size
2750-1026P.ST25	May 31, 2001	106

☒ One (1) CD-R, as required by §1.821(e), containing the Computer Readable Form (CRF) of the Sequence Listing created using IBM-PC, MS-Windows operating system. The files contained on the CD-R are as follows:

File Name	Date of Creation	File Size
2750-1026P.ST25	May 31, 2001	106

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Appl. No. 09/671,635

- ☒ Substitute Specification, excluding Table 1 and the claims, submitted in clean form without markings under 37 C.F.R. §1.125(c)
- ☒ Marked-up copy of the substitute specification, excluding Table 1 and the claims, under 37 C.F.R. §1.125(b)(2)
- ☒ Copy of Notice to File Missing Parts

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	50	-	50	=	0	\$ 9	\$0.00
INDEPENDENT	5	-	5	=	0	\$ 40	\$0.00
— FIRST PRESENTATION OF A MULTIPLE CLAIM						\$135	\$0.00
						TOTAL	\$0.00

- ☒ A two (2) month(s) extension of time for the filing of the present paper in accordance with the provisions of 37 C.F.R. §1.136 and 37 C.F.R. §1.17 has been petitioned for and the applicable fees have been paid in the accompanying response to the Notice to File Missing Parts filed on June 1, 2001 for the present application number.
- ☐ No fee is required.
- ☐ Please charge Deposit Account No. 50-1055 in the amount of \$0.00. This form is submitted in triplicate.

If the Primary Deposit Account No. 50-1055 is deficient and non-payment will result in a loss of rights, the Commissioner is hereby authorized in this, concurrent and future replies, to charge payment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Raymond C. Stewart 36.6.23
 Raymond C. Stewart, #21,066
 P.O. Box 747
 Falls Church, VA 22040-0747
 (703) 205-8000

RCS/DRN/BCF
 2750-1026P
 Attachments



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BOX SEQUENCE
PATENT
2750-1026P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Compact Disk TRANSMITTAL LETTER

Applicant: Nickolai ALEXANDROV et al. Conf: 5385
Appl. No.: 09/671,635 Group: UNASSIGNED
Filed: September 28, 2000 Examiner: UNASSIGNED
For: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING
POLYPEPTIDES ENCODED THEREBY

The application identified above contains two (2) identical CD-Rs created using IBM-PC, MS-Windows operating system. The files contained on the CD-R are as follows:

File Name	Date of Creation	File Size
2750-1026P.ST25	May 31, 2001	106

Additionally the application contains one (1) CD-R, as required by §1.821(e), containing the Computer Readable Form (CRF) of the Sequence Listing created using IBM-PC, MS-Windows operating system. The files contained on the CD-R are as follows:

File Name	Date of Creation	File Size
2750-1026P.ST25	May 31, 2001	106

If there are any problems concerning the Compact Disk Submission, please contact the undersigned at telephone number 703-205-8000 or by facsimile at 703-205-8050.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Raymond C. Stewart #21,066 Date: 06/01/2001
Raymond C. Stewart, #21,066
P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

RCS/DRN/BCF
2750-1026P
Attachments

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TECH CENTER 1600/2900

COPY

Papers Filed herewith on: June 1, 2001
DOCKET NO.: 2750-1024P ATTY.: RCS/DRN
APPLICANT(S): N. ALEXANDROV et al
APPLN. NO: 09/471,635 FILED: 9-28-2000
PAT NO.: _____

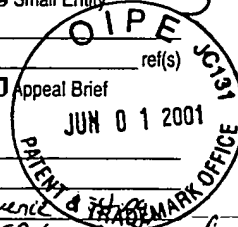
- ☐ New Application with Transmittal Letter
☐ Utility ☐ Design ☐ CIP ☐ PCT ☐ Provisional
☐ Filing Under 37 CFR 1.53(b) ☐ CONT ☐ DIV
☐ Filing Under 37 CFR 1.53(d) (CPA)
☐ Filing Under 37 CFR 1.114(RCE)
☐ Specification Consisting of: _____ pages
☐ Combined Declaration & Power of Attorney
☐ Assignment / Cover Letter
☐ Letter to Official Draftsman
☐ Drawings _____ Sheets ☐ Formal ☐ Informal ☐ Red-Ink
☒ Completion of Filing Requirements, PCT/DO/EO/905
or Formalities Letter and Executed Declaration
☐ Priority Document(s) / Cover Letter, No. Doc.
☒ Amendment: for substitute spec + sequence
☒ Transmittal Ltr ☐ Large Entity ☒ Small Entity Listing
☐ Response
☐ Information Disc Stmt. PTO-1449(s) _____ ref(s)
☐ Notice of Appeal ☐ Appeal Brief
☐ Issue Fee Transmittal
☐ FEES: _____
☐ Letter: _____

☒ Other: 3 CDs with sequence & figures
Marked up copy of sub spec, sup. spec. first fig
CD transmittal, copy of notice to comply

Receipt is hereby acknowledged of the papers filed as
indicated in connection with the above identified case.
COMMISSIONER OF PATENTS AND TRADEMARKS

Due Date: _____
Handcarry: _____

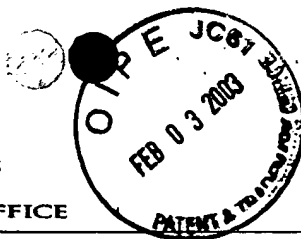
DOCKET NO. 2750-1024P



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 Commissioner for Patents
 Washington, DC 20231
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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
09/671,635	09/28/2000	Nickolai Alexandrov	2750-1026P

CONFIRMATION NO. 5385

 2292
 BIRCH STEWART KOLASCH & BIRCH
 PO BOX 747
 FALLS CHURCH, VA 22040-0747

**ABANDONMENT/TERMINATION
LETTER**


OC000000009184348

Date Mailed: 12/03/2002

NOTICE OF ABANDONMENT UNDER 37 CFR 1.53 (f) OR (g)

The above-identified application is abandoned for failure to timely or properly reply to the Notice to File Missing Parts (Notice) mailed on 09/19/2001.

- No reply was received.

A petition to the Commissioner under 37 CFR 1.137 may be filed requesting that the application be revived.

Under 37 CFR 1.137(a), a petition requesting the application be revived on the grounds of **UNAVOIDABLE DELAY** must be filed promptly after the applicant becomes aware of the abandonment and such petition must be accompanied by: (1) an adequate showing of the cause of unavoidable delay; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(l); and (4) a terminal disclaimer if required by 37 CFR 1.137(d).

Under 37 CFR 1.137(b), a petition requesting the application be revived on the grounds of **UNINTENTIONAL DELAY** must be filed promptly after applicant becomes aware of the abandonment and such petition must be accompanied by: (1) a statement that the entire delay was unintentional; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.137(d).

Any questions concerning petitions to revive should be directed to "Office of Petitions" at (703) 305-9282.

*A copy of this notice **MUST** be returned with the reply.*

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 Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE